

CLAIMS

1. (Currently Amended) A method for displaying phases on a computer system in which components of a system for providing a web architecture framework are delivered, wherein all steps are performed on the computer, the method comprising the steps of:

(a) displaying, through a display adapter by a processor, a pictorial representation of an existing system including a plurality of components;

(b) identifying, from the plurality of components, a first component group containing additional components and a second component group containing optional components, the additional components being required for an implementation of the system, the optional components being optional for the implementation of the system;

(c) compiling, by the processor, an ordered listing of the additional components for implementation into the existing system, the ordered listing providing an order that is required for installing the components in the web architecture framework, wherein the ordered listing comprises a sequential order for installing the additional components;

(d) determining, by the processor, a first set of the additional components for implementation in a first implementation phase;

(e) determining, by the processor, a second set of the additional components for implementation in a second implementation phase, the first set being implemented before the second set can be implemented;

(f) modifying, through the display adapter by the processor, the pictorial representation of the existing system to show a pictorial representation of the first set of components being indicia coded to indicate that they are to be delivered in the first phase;
and

(g) modifying, through the display adapter by the processor, the pictorial representation of the existing system to show a pictorial representation of the second set of components being indicia coded in a manner unique with respect to the indicia coding of the first set of components to indicate that the second set of components is to be delivered in the second phase and that a proper functioning of the second set of components require an installation of the first set of components in the first phase.

2. (Previously Presented) A method for displaying phases in which components of a system for providing a web architecture framework are delivered as recited in claim 1, wherein a legend is presented which defines the indicia coding with respect to the phases of delivery of the components.

3. (Previously Presented) A method for displaying phases in which components of a system for providing a web architecture framework are delivered as recited in claim 1, wherein the components of the existing system are selected from the group of components including security services, network services, web services, client services, integration capabilities, data services, directory services, management services, operation services, and developer services.

4. (Previously Presented) A method for displaying phases in which components of a system for providing a web architecture framework are delivered as recited in claim 1, wherein the components of the existing system are selected from the group of components including commerce-related services, content-related services, administration-related services, customer-related services, and education-related services.

5. (Previously Presented) A method for displaying phases in which components of a system for providing a web architecture framework are delivered as recited in claim 1, wherein the indicia coding is selected from the group of indicia coding including texture coding, color coding, and shading coding.

6. (Previously Presented) A method for displaying phases in which components of a system for providing a web architecture framework are delivered as recited in claim 1, wherein the step of displaying a pictorial representation of an existing system including a plurality of components also includes displaying additional components that may be implemented into the system.

7. (Currently Amended) An article of manufacture comprising computer program embodied on a computer readable medium for displaying phases in which components of a system for providing a web architecture framework are delivered comprising:

- (a) a code segment that displays a pictorial representation of an existing system including a plurality of components;
- (b) a code segment that identifies, from the plurality of components, a first component group containing additional components and a second component group containing optional components, the additional components being required for an implementation of the system, the optional components being optional for the implementation of the system;
- (c) a code segment that compiles an ordered listing of the additional

components for implementation into the existing system, the ordered listing providing an

order that is required for installing the components in the web architecture framework,
wherein the ordered listing comprises a sequential order for installing the additional
components;

(d) a code segment that determines a first set of the additional components
for implementation in a first implementation phase;

(e) a code segment that determines a second set of additional components
for implementation in a second implementation phase, the first set being implemented
before the second set can be implemented;

(f) a code segment that modifies the pictorial representation of the existing
system to show a pictorial representation of the first set of components being indicia
coded to indicate that they are to be delivered in the first phase; and

(g) a code segment that modifies the pictorial representation of the existing
system to show a pictorial representation of the second set of components being indicia
coded in a manner unique with respect to the indicia coding of the first set of components
to indicate that the second set of components is to be delivered in the second phase and
that a proper functioning of the second set of components require an installation of the
first set of components in the first phase.

8. (Currently Amended) An article of manufacture including computer program
for displaying phases in which components of a system for providing a web architecture
framework are delivered as recited in claim 7, wherein a legend is presented which defines
the indicia coding with respect to the phases of delivery of the components.

9. (Currently Amended) An article of manufacture including computer program

for displaying phases in which components of a system for providing a web architecture framework are delivered as recited in claim 7, wherein the components of the existing system are selected from the group of components including security services, network services, web services, client services, integration capabilities, data services, directory services, management services, operation services, and developer services.

10. (Currently Amended) An article of manufacture including computer program for displaying phases in which components of a system for providing a web architecture framework are delivered as recited in claim 7, wherein the components of the existing system are selected from the group of components including commerce-related services, content related services, administration-related services, customer-related services, and education-related services.

11. (Currently Amended) An article of manufacture including computer program for displaying phases in which components of a system for providing a web architecture framework are delivered as recited in claim 7, wherein the indicia coding is selected from the group of indicia coding including texture coding, color coding, and shading coding.

12. (Currently Amended) An article of manufacture including computer program for displaying phases in which components of a system for providing a web architecture framework are delivered as recited in claim 7, wherein the step of displaying a pictorial representation of an existing system including a plurality of components also includes displaying additional components that may be implemented into the system.

13. (Currently Amended) An apparatus for displaying phases on a computer in which components of a system for providing a web architecture framework are delivered comprising:

(a) logic for displaying a pictorial representation of an existing system including a plurality of components;

(b) logic for identifying, from the plurality of components, a first component group containing additional components and a second component group containing optional components, the additional components being required for an implementation of the system, the optional components being optional for the implementation of the system;

(c) logic for compiling an ordered listing of the additional components for implementation into the existing system, the ordered listing providing an order that is required for installing the components in the web architecture framework, wherein the ordered listing comprises a sequential order for installing the additional components;

(d) logic for determining a first set of the additional components for implementation in a first implementation phase;

(e) logic for determining a second set of additional components for implementation in a second implementation phase, the first set being implemented before the second set can be implemented;

(f) logic for modifying the pictorial representation of the existing system to show a pictorial representation of the first set of components being indicia coded to indicate that they are to be delivered in the first phase;

(g) logic for modifying the pictorial representation of the existing system to show a pictorial representation of the second set of components being indicia coded in a manner unique with respect to the indicia coding of the first set of components to indicate

that the second set of components is to be delivered in a second phase and that a proper functioning of the second set of components require an installation of the first set of components in the first phase; and

(h) a processor that executes computer-executable instructions for performing the logic in (a)-(f).

14. (Previously Presented) The apparatus of claim 13, wherein a legend is presented which defines the indicia coding with respect to the phases of delivery of the components.

15. (Previously Presented) The apparatus of claim 13, wherein the components of the existing system are selected from the group of components including security services, network services, web services, client services, integration capabilities, data services, directory services, management services, operation services, and developer services.

16. (Previously Presented) The apparatus of claim 13, wherein the components of the existing system are selected from the group of components including commerce-related services, content related services, administration-related services, customer-related services, and education-related services.

17. (Previously Presented) The apparatus of claim 13, wherein the indicia coding is selected from the group of indicia coding including texture coding, color coding, and shading coding.

18. (Previously Presented) The apparatus of claim 13, wherein the step of displaying a pictorial representation of an existing system including a plurality of components also includes displaying additional components that may be implemented into the system.

19. (Previously Presented) The method of claim 1, further comprising:

- (h) in response to (d), determining remaining components;
- (i) separating the remaining components into primary components and secondary components, wherein the primary components must be installed before the secondary components can function properly;
- (j) including the primary components in the first set of additional components; and
- (k) including the secondary components in the second set of components.

20. (New) A method for displaying components of a system, the method comprising:

identifying, within an electronic system, a first component group containing a plurality of additional components and a second component group containing a plurality of optional components;

compiling an ordered listing of said additional components for implementation into an existing system, wherein said ordered listing comprises a sequential order for installing said additional components;

determining a first set of said additional components for implementation in a first

phase;

determining a second set of said additional components for implementation in a second phase, wherein said first set is implemented before said second set;

displaying said first set of components with a first indicia coding indicating that said first set of components is to be delivered in said first phase; and

displaying said second set of components with a second indicia coding indicating that said second set of components is to be delivered in said second phase.

21. (New) A method as recited in claim 20, further comprising:

displaying a pictorial representation of said existing system.

22. (New) A method as recited in claim 20, wherein said additional components are required for an implementation of said system.

23. (New) A method as recited in claim 20, wherein a proper functioning of said second set of components requires installation of said first set of components in said first phase.

24. (New) A method as recited in claim 20, further comprising:

displaying a legend which defines said indicia coding with respect to said phases of delivery of said components.

25. (New) A method as recited in claim 20, wherein said indicia coding is selected from the group consisting of texture coding, color coding, and shading coding.

26. (New) A method of claim 20, further comprising:
displaying third indicia coding indicating a sequential order of installing said
additional components.